

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1623PAZ

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 JAN 27 Source of Registration (SR) information in REGISTRY updated
and searchable
NEWS 4 JAN 27 A new search aid, the Company Name Thesaurus, available in
CA/CAPLUS
NEWS 5 FEB 05 German (DE) application and patent publication number format
changes
NEWS 6 MAR 03 MEDLINE and LMEADLINE reloaded
NEWS 7 MAR 03 MEDLINE file segment of TOXCENTER reloaded
NEWS 8 MAR 03 FRANCEPAT now available on STN
NEWS 9 MAR 29 Pharmaceutical Substances (PS) now available on STN
NEWS 10 MAR 29 WPIFV now available on STN
NEWS 11 MAR 29 No connect hour charges in WPIFV until May 1, 2004
NEWS 12 MAR 29 New monthly current-awareness alert (SDI) frequency in RAPRA
NEWS 13 APR 26 PROMT: New display field available
NEWS 14 APR 26 IFIPAT/IFIUDB/IFICDB: New super search and display field
available
NEWS 15 APR 26 LITAlert now available on STN
NEWS 16 APR 27 NLDB: New search and display fields available

NEWS EXPRESS MARCH 31 CURRENT WINDOWS VERSION IS V7.00A, CURRENT
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 26 APRIL 2004
NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 08:53:10 ON 05 MAY 2004

=> file reg

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.21	0.21

FULL ESTIMATED COST

FILE 'REGISTRY' ENTERED AT 08:53:23 ON 05 MAY 2004
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Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 3 MAY 2004 HIGHEST RN 679390-57-9
DICTIONARY FILE UPDATES: 3 MAY 2004 HIGHEST RN 679390-57-9

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2004

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>

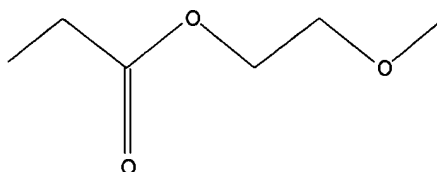
Uploading C:\Examination Auxillary files\50337411\50337411 simplest compd.str

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> search l1 exact full

FULL SEARCH INITIATED 08:55:41 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 409 TO ITERATE

100.0% PROCESSED 409 ITERATIONS

3 ANSWERS

SEARCH TIME: 00.00.01

L2 3 SEA EXA FUL L1

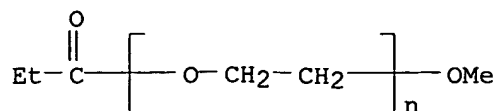
=> d scan

L2 3 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN

IN Poly(oxy-1,2-ethanediyl), α -(1-oxopropyl)- ω -methoxy- (9CI)

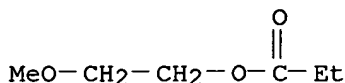
MF (C2 H4 O)_n C4 H8 O2

CI PMS



HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):3

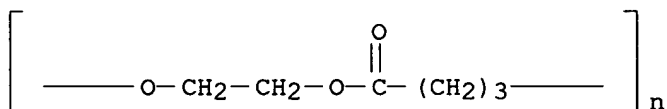
L2 3 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
 IN Ethanol, 2-methoxy-, propanoate (9CI)
 MF C6 H12 O3



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L2 3 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
 IN Poly[oxy-1,2-ethanediyl oxy(1-oxo-1,4-butanediyl)] (9CI)
 MF (C6 H10 O3)n
 CI PMS

RELATED POLYMERS AVAILABLE WITH POLYLINK



ALL ANSWERS HAVE BEEN SCANNED

=> file caplus\
 'CAPLUS\' IS NOT A VALID FILE NAME
 SESSION CONTINUES IN FILE 'REGISTRY'
 Enter "HELP FILE NAMES" at an arrow prompt (=>) for a list of files
 that are available. If you have requested multiple files, you can
 specify a corrected file name or you can enter "IGNORE" to continue
 accessing the remaining file names entered.

=> file caplus		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	54.35	54.56

FILE 'CAPLUS' ENTERED AT 08:56:21 ON 05 MAY 2004
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FILE COVERS 1907 - 5 May 2004 VOL 140 ISS 19
FILE LAST UPDATED: 4 May 2004 (20040504/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> 12

L3 10 L2

=> 12/prep

10 L2
3143133 PREP/RL
L4 5 L2/PREP
(L2 (L) PREP/RL)

=> d 14 1-5 ti fbib abs

L4 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN
TI Preparation of hemoglobin conjugates as oxygen carriers
AN 2002:451965 CAPLUS
DN 136:406826
TI Preparation of hemoglobin conjugates as oxygen carriers
IN Noh, Gwang; Shin, Pil Su
PA Sunbio Inc., S. Korea
SO Repub. Korean Kongkae Taeho Kongbo, No pp. given
CODEN: KRXXA7
DT Patent
LA Korean
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	KR 2000061432	A	20001016	KR 1999-10469	19990326
				KR 1999-10469	19990326
AB	A novel SP-PEG-Hb conjugate is provided, which shows safety and effectiveness as an oxygen carrier. A process for the preparation of SP-PEG-Hb comprises: pouring methoxy-PEG and sodium ethoxide to a flask, dissolving completely by boiling, and gaining m-PEG Et propionate; dissolving the m-PEG Et propionate in 1N NaOH, and gaining m-PEG propionic acid; dissolving the m-PEG propionic acid in dichloromethane, adding N-hydroxysuccinimide (NHS) and dicyclohexylcarbodiimide in dichloromethane to give m-PEG succinimidyl propionate; separating red blood cells from mammal blood, and separating Hbs from the red blood cells; dissolving the Hbs in a solution of 0.15 M sodium chloride and 0.01 M Na phosphate (pH 8.0), and adding the SP-PEG (Hb:SP-PEG = 1:20 as equivalent ratio); reacting at room temperature for 1-2 h (pH 8.0), and removing unreacted PEG by ultrafiltration or diafiltration.				

L4 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN
TI Synthesis of poly(ester ether)s by the reaction of γ -butyrolactone with diols and their application to polyurethanes
AN 1999:352220 CAPLUS
DN 131:130355
TI Synthesis of poly(ester ether)s by the reaction of γ -butyrolactone

- with diols and their application to polyurethanes
- AU Miura, Hirohiko; Tajima, Tetsuji; Nagata, Masahide; Royama, Tetsuharu; Saito, Kiyoshi; Hasagawa, Masaki
- CS Department of Materials Science and Technology, Faculty of Engineering, Toin University of Yokohama, Kurogane-cho, Aoba-ku, Yokohama, 225-8502, Japan
- SO Kobunshi Ronbunshu (1999), 56(5), 291-297
CODEN: KBRBA3; ISSN: 0386-2186
- PB Kobunshi Gakkai
- DT Journal
- LA Japanese
- AB Recent patent literature reported that poly(ester ether)s were given by the reaction of γ -butyrolactone (BL) with diols in the presence of acidic catalyst under reflux in xylene. Present research was undertaken to correlate the mol. weight of the resulting poly(ester ether)s with polymerization conditions, such as the amount of activated clay and starting glycol components. As a result, the reaction conditions were established to obtain the high-mol.-weight poly(ester ether)s. Polymerization of BL with ethylene glycol (EG) or diethylene glycol (DEG) was carried out by refluxing in xylene with various amts. of activated clay. The assumed intermediate in the polymerization reaction of BL with EG, 2-hydroxyethyl 4-hydroxybutyrate (I) , which was prepared by the reaction of BL with an excess amount of EG, also polymerized under the similar conditions. I was the intermediate in this polymerization reaction because the resulting polymer consisted of a single repeating unit. Polyurethanes were prepared from these poly(ester ether)s and 2,4-TDI and evaluated in terms of their elastic property.
- L4 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN
- TI Synthesis of copolymers composed of 2-methylene-1,3,6-trioxocane and vinyl monomers and their enzymic degradation
- AN 1994:9088 CAPLUS
- DN 120:9088
- TI Synthesis of copolymers composed of 2-methylene-1,3,6-trioxocane and vinyl monomers and their enzymic degradation
- AU Hiraguri, Youichi; Tokiwa, Yutaka
- CS Natl. Inst. Biosci. Hum. Technol., Tsukuba, 305, Japan
- SO Journal of Polymer Science, Part A: Polymer Chemistry (1993), 31(12), 3159-61
CODEN: JPACEC; ISSN: 0887-624X
- DT Journal
- LA English
- AB 2-Methylene-1,3,6-trioxocane (I) underwent a ring-opening reaction during the copolymn. with styrene (II), Me methacrylate (III), and vinyl acetate (IV) and the ester-ether moieties were incorporated into the backbone. I homopolymer (V) and copolymers were hydrolyzed by Rh. arrhizus lipase. The solubilization percentage of V, I-II copolymer, and I-IV copolymer was 67, 7, and 15%, resp. I-III copolymer was not degraded by lipase due the small surface area.
- L4 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN
- TI Mild alkoxycarbonylation of olefins in the presence of palladium complexes
- AN 1989:614113 CAPLUS
- DN 111:214113
- TI Mild alkoxycarbonylation of olefins in the presence of palladium complexes
- AU Chepaikin, E. G.; Bezruchenko, A. P.; Benyei, A.; Jo, Ferenc
- CS Inst. Strukt. Makrokinet., Chernogolovka, USSR
- SO Izvestiya Akademii Nauk SSSR, Seriya Khimicheskaya (1989), (3), 743
CODEN: IASKA6; ISSN: 0002-3353
- DT Journal
- LA Russian

OS CASREACT 111:214113
 AB 1-Decene reacted with CO at 80° in the presence of bis(acetylacetonato)palladium, PPh3, and p-toluenesulfonic acid (I) in BuOH to give Bu undecanoate, Bu 2-methyldecanoate, and Bu 2-ethylundecanoate. With a Pd(PPh3)4-PPh3-I catalyst in HOCH2CH2OH, ethene was converted to 2-ethoxyethyl propionate; when MeOCH2CH2OH was used as the solvent, the product was 2-methoxyethyl propionate.

L4 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN
 TI Synthesis of monomers that expand on polymerization
 AN 1973:492890 CAPLUS
 DN 79:92890
 TI Synthesis of monomers that expand on polymerization
 AU Bailey, William J.
 CS Dep. Chem., Univ. Maryland, College Park, MD, USA
 SO Journal of Elastoplastics (1973), 5(July), 142-52
 CODEN: JELPAP; ISSN: 0022-071X
 DT Journal
 LA English
 AB 1,4,6-Trioxaspiro[4.4]nonane (I) [176-37-4] was polymerized in the presence of BF3.OEt2 at 25.deg. for 24 hr to give a polymer of mol. weight .sim.25,000 in 95% yield with <1% shrinkage during polymerization Other similar monomers, such as 1,5,7,11-tetraoxaspiro[5.5]undecane [24472-02-4], bicyclic ketal lactones, and spiro orthocarbonates gave essentially zero shrinkage or even slight expansion during polymerization The ring opening polymerization mechanism which gave shrinkage is discussed.

=> logoff hold

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	15.84	70.40

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-3.47	-3.47

SESSION WILL BE HELD FOR 60 MINUTES
 STN INTERNATIONAL SESSION SUSPENDED AT 08:58:00 ON 05 MAY 2004

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1623PAZ

PASSWORD:

***** RECONNECTED TO STN INTERNATIONAL *****
 SESSION RESUMED IN FILE 'CAPLUS' AT 09:14:49 ON 05 MAY 2004
 FILE 'CAPLUS' ENTERED AT 09:14:49 ON 05 MAY 2004
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COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	15.84	70.40

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION

CA SUBSCRIBER PRICE -3.47 -3.47

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	16.71	71.27

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-3.47	-3.47

FILE 'REGISTRY' ENTERED AT 09:16:04 ON 05 MAY 2004
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STRUCTURE FILE UPDATES: 3 MAY 2004 HIGHEST RN 679390-57-9
DICTIONARY FILE UPDATES: 3 MAY 2004 HIGHEST RN 679390-57-9

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2004

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>

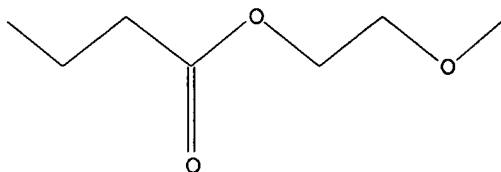
Uploading C:\Examination Auxillary files\50337411\50337411 actual simplest compd.str

L5 STRUCTURE UPLOADED

=> d 15

L5 HAS NO ANSWERS

L5 STR



Structure attributes must be viewed using STN Express query preparation.

=> search 15 exact full

FULL SEARCH INITIATED 09:16:37 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 409 TO ITERATE

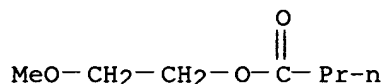
100.0% PROCESSED 409 ITERATIONS
SEARCH TIME: 00.00.01

2 ANSWERS

L6 2 SEA EXA FUL L5

=> d scan

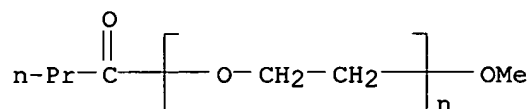
L6 2 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN Butanoic acid, 2-methoxyethyl ester (9CI)
MF C7 H14 O3



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):2

L6 2 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN Poly(oxy-1,2-ethanediyl), α -(1-oxobutyl)- ω -methoxy- (9CI)
MF (C2 H4 O)_n C5 H10 O2
CI PMS



ALL ANSWERS HAVE BEEN SCANNED

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	53.09	124.36
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-3.47

FILE 'CAPLUS' ENTERED AT 09:17:09 ON 05 MAY 2004
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FILE COVERS 1907 - 5 May 2004 VOL 140 ISS 19
FILE LAST UPDATED: 4 May 2004 (20040504/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> 16

L7 5 L6

=> d 17 1-5 ti fbib abs

L7 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN
TI Chemoselective catalytic hydrogenation of α,β -unsaturated ketones and α,β -unsaturated carboxylic esters
AN 1998:547765 CAPLUS
DN 129:291375
TI Chemoselective catalytic hydrogenation of α,β -unsaturated ketones and α,β -unsaturated carboxylic esters
AU Zhang, Jing-Wen; Zhao, Jian-Zhang; Zhang, Xiao-Long; Jiang, Yu-Lin; Ma, Xiu-Li; Sun, Yun-Xiu; Jiang, Wen-Pu; Li, Yao-Xian; Xu, Zhi-Luo
CS Department of Chemistry, Jilin University, Changchun, 130023, Peop. Rep. China
SO Chemical Research in Chinese Universities (1998), 14(2), 125-130
CODEN: CRCUED; ISSN: 1000-9213
PB Higher Education Press
DT Journal
LA English
AB The effect of catalysts P-2.00-Ni (Nickel boride) and P-2.00-Ni-M (M: Co, Fe, Cu, Sn), prepared by adopting a modified recipe, on the chemoselective hydrogenation of C-C double bonds in α,β -unsatd. ketones, and the activity of catalysts P-1. 80-Ni, P-2. 00-Ni or P-1. 80(2.00)-Ni-M (M: Pd, Co, Cu) in the selective hydrogenation of C-C double bonds in α,β -unsatd. carboxylic esters, were investigated systematically. According to the exptl. results, the selectivities of these catalysts toward the hydrogenation of the C-C double bonds of α,β -unsatd. ketones or α,β -unsatd. carboxylic esters are 96%-100% or 100%, resp.

RE.CNT 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN
TI Preparation of triazine derivatives as herbicides
AN 1996:628531 CAPLUS
DN 125:275917
TI Preparation of triazine derivatives as herbicides
IN Kubota, Mineyuki; Saitou, Masatoshi; Koike, Kazuyoshi; Ogawa, Shin-ichiro
PA Idemitsu Kosan Co., Ltd., Japan
SO PCT Int. Appl., 41 pp.
CODEN: PIXXD2

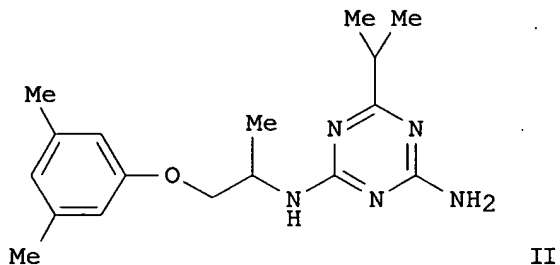
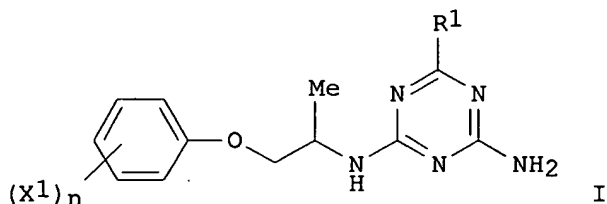
DT Patent
LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9625404	A1	19960822	WO 1996-JP360	19960219
	W:	AL, AM, AU, BB, BG, BR, CA, CN, CZ, EE, FI, GE, HU, IS, KG, KR, LK, LR, LT, LV, MD, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, TR, TT, UA, US, UZ, VN, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG			
	JP 08217763	A2	19960827	JP 1995-29124	U 19950217
	JP 3029545	B2	20000404	JP 1995-29124	19950217

CA 2213214	AA	19960822	CA 1996-2213214	19960219
AU 9646766	A1	19960904	JP 1995-29124	A 19950217
AU 699392	B2	19981203	AU 1996-46766	19960219
			JP 1995-29124	U 19950217
EP 810219	A1	19971203	WO 1996-JP360	W 19960219
EP 810219	B1	20010425	EP 1996-902473	19960219
R: AT, BE, CH, DE, DK, ES, FR, GB, IT, LI, LU, NL				
			JP 1995-29124	A 19950217
			WO 1996-JP360	W 19960219
CN 1181074	A	19980506	CN 1996-193124	19960219
			JP 1995-29124	A 19950217
AT 200779	E	20010515	AT 1996-902473	19960219
			JP 1995-29124	A 19950217
			WO 1996-JP360	W 19960219
ES 2158280	T3	20010901	ES 1996-902473	19960219
			JP 1995-29124	A 19950217
US 6004902	A	19991221	US 1997-875786	19971027
			JP 1995-29124	A 19950217
			WO 1996-JP360	W 19960219

OS MARPAT 125:275917
GI



AB The title compds. I [X1 represents linear or branched C1-4 alkyl or halogeno; n represents an integer of 0 to 4, provided that when n is an integer of 2 or above, then X1 substituents may be the same or different; and R1 represents linear or branched C1-10 alkyl optionally having one to four substituents selected from C1-4 alkoxy and/or hydroxy, provided that when the linear or branched C1-10 alkyl is substituted by two or more C1-4 alkoxy groups and/or hydroxy groups, then these substituents may be either the same or different] are prepared. The title triazine derivs. exhibit a very excellent crop/weed selectivity even under severe conditions, for example, excessively humid conditions. The title compound II at 250 g/ha gave complete control of weeds and caused no damage to wheat.

L7 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN

TI The chemistry of organoborates. 9. A regiospecific and highly stereoselective construction of trisubstituted $\alpha\beta$ -unsaturated

ketones, tetrasubstituted $\alpha\beta$ -unsaturated ketones and specifically protected 1,3-diketones from alkynyltrialkylborates

AN 1995:345971 CAPLUS

DN 123:227340

TI The chemistry of organoborates. 9. A regiospecific and highly stereoselective construction of trisubstituted $\alpha\beta$ -unsaturated ketones, tetrasubstituted $\alpha\beta$ -unsaturated ketones and specifically protected 1,3-diketones from alkynyltrialkylborates

AU Pelter, Andrew; Colclough, Eamon

CS Dep. Chem., Univ. Wales, Swansea, SA2 8PP, UK

SO Tetrahedron (1995), 51(3), 811-28

CODEN: TETRAB; ISSN: 0040-4020

PB Elsevier

DT Journal

LA English

AB Lithium alkynyltrialkylborates react with dioxolanium fluorosulfonates in a highly stereoselective fashion such that the dioxolanium group and the migrating group are on the same side of the new alkene intermediate. Hydrolysis of the intermediate yields Z-trisubstituted $\alpha\beta$ -unsatd. ketones in which all three substituents have different origins and can be independently varied. Oxidation of the intermediates gives β -keto acetals, which are regiospecifically protected 1,3-diketones. If the initial intermediates are allowed to stand, then another migration occurs and tetra-substituted $\alpha\beta$ -unsatd. ketones result.

L7 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN

TI Glycidic esters

AN 1987:215856 CAPLUS

DN 106:215856

TI Glycidic esters

IN Kitamura, Takanori; Matsumoto, Yoichi; Yoshimura, Noriaki

PA Kuraray Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 12 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 61260075	A2	19861118	JP 1985-104735	19850515
	US 4743547	A	19880510	US 1986-849859	19860409
				JP 1985-76126	19850409
				JP 1985-104735	19850515
				JP 1985-123393	19850605
				JP 1985-192441	19850830

PATENT FAMILY INFORMATION:

FAN 1987:31386

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 198397	A2	19861022	EP 1986-104807	19860408
	EP 198397	A3	19881130		
	EP 198397	B1	19930107		
	R: DE, FR, GB, NL				
				JP 1985-76126	19850409
				JP 1985-192441	19850830
	JP 61231998	A2	19861016	JP 1985-76126	19850409
	JP 05027391	B4	19930421		
	JP 62051652	A2	19870306	JP 1985-192441	19850830
FAN	1987:439217				
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 61280458	A2	19861211	JP 1985-123393	19850605

US 4743547	A	19880510	US 1986-849859	19860409
			JP 1985-76126	19850409
			JP 1985-104735	19850515
			JP 1985-123393	19850605
			JP 1985-192441	19850830

OS CASREACT 106:215856

AB Glycidic esters are prepared by reacting R1CHO [R1 = (substituted) hydrocarbyl groups] with R22-nCHXnCO2R3 (R2 = H or lower alkyls, R = alkyls, X = Cl or Br, n = 1 or 2) in the presence of K2CO3 or KHCO3 and polyoxyalkylenes containing ≥3 oxyethylenes and removing the water from the reaction. Thus the reaction of C6H5CHO with ClCH2CO2Et in the presence of K2CO3 and polyethylene glycol gave phenylglycidic acid Et ester in selectivity 92% at C6H5CHO conversion 83%.

L7 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN

TI Control of apple storage scald with diphenylamine compositions

AN 1970:497614 CAPLUS

DN 73:97614

TI Control of apple storage scald with diphenylamine compositions

IN Kleiman, Morton

SO U.S., 6 pp.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 3526518	A	19700901	US 1967-652700	19670712
				US 1967-652700	19670712
AB	The coating emulsion contains 0.05%-0.3% of diphenylamine (I), an ester having a mol. weight of at least 170 and a b.p. of 100-170° and an emulsifier. Twenty apples were sprayed with such an emulsion and stored at 0° and 90% rel. humidity. The test apples showed 5% scald, the controls, 70%.				

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	28.20	152.56
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-3.47	-6.94

FILE 'REGISTRY' ENTERED AT 09:29:46 ON 05 MAY 2004

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STRUCTURE FILE UPDATES: 3 MAY 2004 HIGHEST RN 679390-57-9

DICTIONARY FILE UPDATES: 3 MAY 2004 HIGHEST RN 679390-57-9

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2004

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>

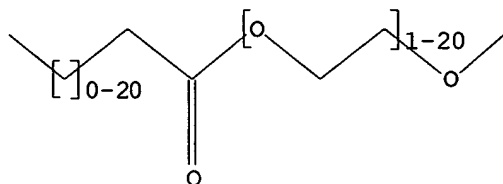
Uploading C:\Examination Auxillary files\50337411\50337411 largest genus.str

L8 STRUCTURE UPLOADED

=> d l8

L8 HAS NO ANSWERS

L8 STR



Structure attributes must be viewed using STN Express query preparation.

=> search l8 sss sam

SAMPLE SEARCH INITIATED 09:30:22 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 15542 TO ITERATE

6.4% PROCESSED 1000 ITERATIONS

50 ANSWERS

INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 303378 TO 318302

PROJECTED ANSWERS: 82472 TO 90354

L9 50 SEA SSS SAM L8

=> d scan

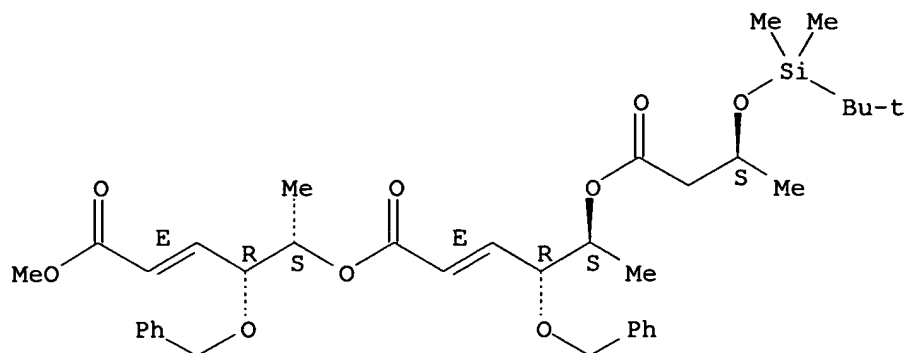
L9 50 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN

IN 4,8,14-Trioxa-3-silanonadeca-11,17-dien-19-oic acid, 2,2,3,3,5,9,15-heptamethyl-7,13-dioxo-10,16-bis(phenylmethoxy)-, methyl ester, (5S,9S,10R,11E,15S,16R,17E)- (9CI)

MF C37 H52 O9 Si

Absolute stereochemistry. Rotation (-).

Double bond geometry as shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=>

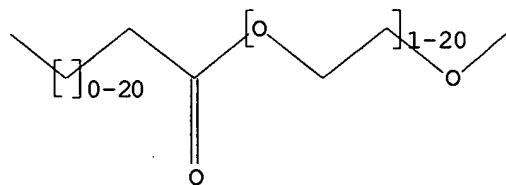
Uploading C:\Examination Auxillary files\50337411\50337411 largest genus fixed hydrogens.str

L10 STRUCTURE UPLOADED

=> d l10

L10 HAS NO ANSWERS

L10 STR



Structure attributes must be viewed using STN Express query preparation.

=> search l10 sss sam

STRUCTURE TOO LARGE - SEARCH ENDED

A structure in your query is too large. You may delete attributes or atoms to reduce the size of the structure and try again.

=>

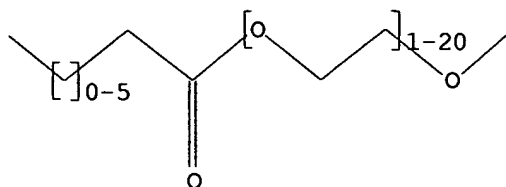
Uploading C:\Examination Auxillary files\50337411\50337411 largest genus fixed hydrogens 2.str

L11 STRUCTURE UPLOADED

=> d l11

L11 HAS NO ANSWERS

L11 STR



Structure attributes must be viewed using STN Express query preparation.

=> search l11 sss sam

SAMPLE SEARCH INITIATED 09:34:10 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 15542 TO ITERATE

6.4% PROCESSED 1000 ITERATIONS

0 ANSWERS

INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 303378 TO 318302

PROJECTED ANSWERS: 0 TO 0

L12 0 SEA SSS SAM L11

=> search l11 sss full

FULL SEARCH INITIATED 09:34:23 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 314018 TO ITERATE

100.0% PROCESSED 314018 ITERATIONS

17 ANSWERS

SEARCH TIME: 00.00.04

L13 17 SEA SSS FUL L11

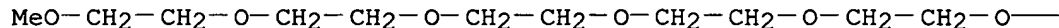
=> d scan

L13 17 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN

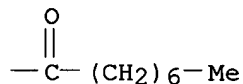
IN Octanoic acid, 3,6,9,12,15-pentaoxahehexadec-1-yl ester (9CI)

MF C19 H38 O7

PAGE 1-A



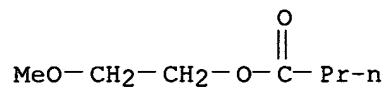
PAGE 1-B



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

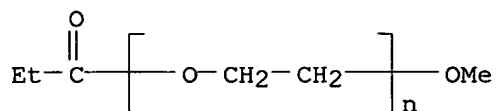
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):17

L13 17 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN Butanoic acid, 2-methoxyethyl ester (9CI)
MF C7 H14 O3

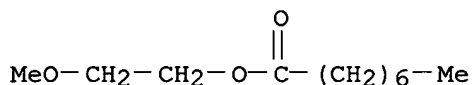


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L13 17 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN Poly(oxy-1,2-ethanediyl), α -(1-oxopropyl)- ω -methoxy- (9CI)
MF (C2 H4 O) $_n$ C4 H8 O2
CI PMS

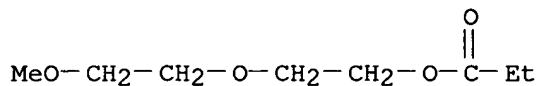


L13 17 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN Octanoic acid, 2-methoxyethyl ester (9CI)
MF C11 H22 O3



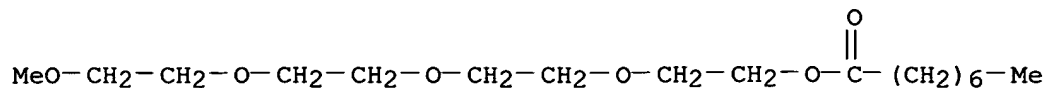
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L13 17 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN Ethanol, 2-(2-methoxyethoxy)-, propanoate (9CI)
MF C8 H16 O4



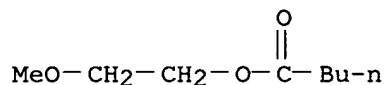
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L13 17 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN Octanoic acid, 3,6,9,12-tetraoxatridec-1-yl ester (9CI)
MF C17 H34 O6



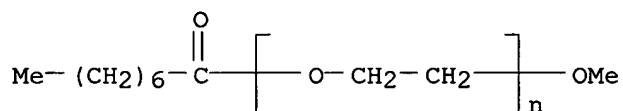
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L13 17 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
 IN Pentanoic acid, 2-methoxyethyl ester (9CI)
 MF C8 H16 O3

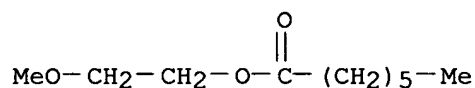


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L13 17 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
 IN Poly(oxy-1,2-ethanediyl), α -(1-oxooctyl)- ω -methoxy- (9CI)
 MF (C2 H4 O)_n C9 H18 O2
 CI PMS

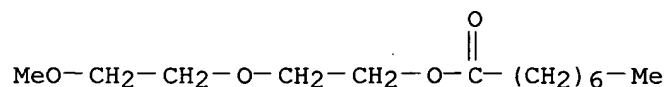


L13 17 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
 IN Heptanoic acid, 2-methoxyethyl ester (9CI)
 MF C10 H20 O3



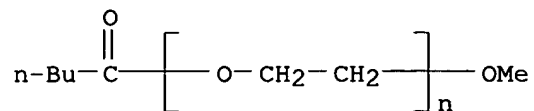
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L13 17 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
 IN Octanoic acid, 2-(2-methoxyethoxy)ethyl ester (9CI)
 MF C13 H26 O4

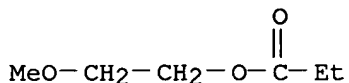


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L13 17 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN Poly(oxy-1,2-ethanediyl), α -(1-oxopentyl)- ω -methoxy- (9CI)
MF (C2 H4 O)_n C6 H12 O2
CI PMS

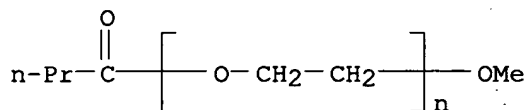


L13 17 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN Ethanol, 2-methoxy-, propanoate (9CI)
MF C6 H12 O3

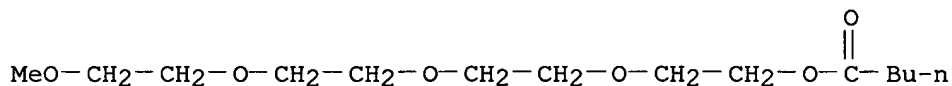


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L13 17 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN Poly(oxy-1,2-ethanediyl), α -(1-oxobutyl)- ω -methoxy- (9CI)
MF (C2 H4 O)_n C5 H10 O2
CI PMS

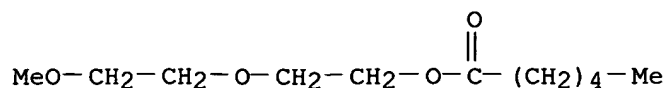


L13 17 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN Pentanoic acid, 3,6,9,12-tetraoxatridec-1-yl ester (9CI)
MF C14 H28 O6



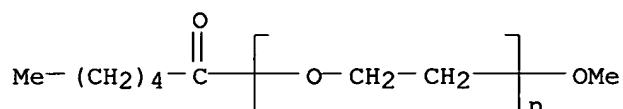
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L13 17 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN Hexanoic acid, 2-(2-methoxyethoxy)ethyl ester (9CI)
MF C11 H22 O4

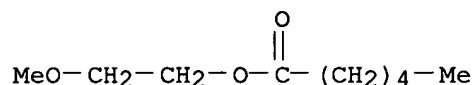


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L13 17 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
 IN Poly(oxy-1,2-ethanediyl), α -(1-oxohexyl)- ω -methoxy- (9CI)
 MF (C2 H4 O)_n C7 H14 O2
 CI PMS



L13 17 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
 IN Hexanoic acid, 2-methoxyethyl ester (8CI, 9CI)
 MF C9 H18 O3



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	161.30	313.86
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-6.94

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FILE COVERS 1907 - 5 May 2004 VOL 140 ISS 19
FILE LAST UPDATED: 4 May 2004 (20040504/ED)

This file contains CAS Registry Numbers for easy and accurate
substance identification.

=> l13/prep

32 L13
3143133 PREP/RL
L14 12 L13/PREP
(L13 (L) PREP/RL)

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	3.13	316.99
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-6.94

FILE 'REGISTRY' ENTERED AT 09:40:11 ON 05 MAY 2004
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STRUCTURE FILE UPDATES: 3 MAY 2004 HIGHEST RN 679390-57-9
DICTIONARY FILE UPDATES: 3 MAY 2004 HIGHEST RN 679390-57-9

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2004

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>

Uploading C:\Examination Auxillary files\50337411\50337411 narrow sm.str

L15 STRUCTURE UPLOADED

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.42	317.41
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-6.94

FILE 'CAPLUS' ENTERED AT 09:40:36 ON 05 MAY 2004
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FILE COVERS 1907 - 5 May 2004 VOL 140 ISS 19
FILE LAST UPDATED: 4 May 2004 (20040504/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

```
=> methyl adj ester
      893242 METHYL
        625 METHYLS
      893623 METHYL
            (METHYL OR METHYLS)
      854527 ME
        9643 MES
      860365 ME
            (ME OR MES)
    1449417 METHYL
            (METHYL OR ME)
          211 ADJ
      544342 ESTER
      406491 ESTERS
      759800 ESTER
            (ESTER OR ESTERS)
L16      0 METHYL ADJ ESTER
            (METHYL(W)ADJ(W)ESTER)
```

```
=> methyl ester
      893242 METHYL
        625 METHYLS
      893623 METHYL
            (METHYL OR METHYLS)
      854527 ME
        9643 MES
      860365 ME
            (ME OR MES)
    1449417 METHYL
            (METHYL OR ME)
          544342 ESTER
          406491 ESTERS
          759800 ESTER
            (ESTER OR ESTERS)
L17      117383 METHYL ESTER
            (METHYL(W)ESTER)
```

```
=> l14 and l17
L18      1 L14 AND L17
```

```
=> d l18 ti fbib abs
```

L18 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2004 ACS on STN
 TI **Methyl ester** ethoxylates
 AN 1997:511796 CAPLUS
 DN 127:192184
 TI **Methyl ester** ethoxylates
 AU Cox, Michael F.; Weerasooriya, Upali
 CS CONDEA Vista Co., Austin, TX, USA
 SO Journal of the American Oil Chemists' Society (1997), 74(7), 847-859
 CODEN: JAOCA7; ISSN: 0003-021X
 PB AOCs Press
 DT Journal
 LA English
 AB Conventional ethoxylation of fatty **Me esters**, or other fatty-fatty esters or diesters, produces poor yields of the desired ethoxylated ester. A proprietary ethoxylation catalyst, currently in use to produce "peaked" or "narrow-range" alc. ethoxylates, has been found to successfully insert ethylene oxide into the ester linkage of fatty esters. The mechanism for this insertion likely involves an ethoxylation-transesterification step in the ethoxylation process. Phys., performance, and environmental/human safety properties were evaluated. Results, in general, show that **Me ester** ethoxylates behave similarly to alc. ethoxylates with the exception of having a lower foam profile and being less irritating.
 RE.CNT 15 THERE ARE 15 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> logoff hold

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	13.81	331.22
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-0.69	-7.63

SESSION WILL BE HELD FOR 60 MINUTES
 STN INTERNATIONAL SESSION SUSPENDED AT 09:43:49 ON 05 MAY 2004

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1623PAZ

PASSWORD:

* * * * * RECONNECTED TO STN INTERNATIONAL * * * * *
 SESSION RESUMED IN FILE 'CAPLUS' AT 10:04:36 ON 05 MAY 2004
 FILE 'CAPLUS' ENTERED AT 10:04:36 ON 05 MAY 2004
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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	13.81	331.22
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-0.69	-7.63

=> d his

(FILE 'HOME' ENTERED AT 08:53:10 ON 05 MAY 2004)

FILE 'REGISTRY' ENTERED AT 08:53:23 ON 05 MAY 2004

L1 STRUCTURE UPLOADED
L2 3 SEARCH L1 EXACT FULL

FILE 'CAPLUS' ENTERED AT 08:56:21 ON 05 MAY 2004

L3 10 L2
L4 5 L2/PREP

FILE 'REGISTRY' ENTERED AT 09:16:04 ON 05 MAY 2004

L5 STRUCTURE UPLOADED
L6 2 SEARCH L5 EXACT FULL

FILE 'CAPLUS' ENTERED AT 09:17:09 ON 05 MAY 2004

L7 5 L6

FILE 'REGISTRY' ENTERED AT 09:29:46 ON 05 MAY 2004

L8 STRUCTURE UPLOADED
L9 50 SEARCH L8 SSS SAM
L10 STRUCTURE UPLOADED
L11 STRUCTURE UPLOADED
L12 0 SEARCH L11 SSS SAM
L13 17 SEARCH L11 SSS FULL

FILE 'CAPLUS' ENTERED AT 09:38:30 ON 05 MAY 2004

L14 12 L13/PREP

FILE 'REGISTRY' ENTERED AT 09:40:11 ON 05 MAY 2004

L15 STRUCTURE UPLOADED

FILE 'CAPLUS' ENTERED AT 09:40:36 ON 05 MAY 2004

L16 0 METHYL ADJ ESTER
L17 117383 METHYL ESTER
L18 1 L14 AND L17

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	14.25	331.66
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-0.69	-7.63

FILE 'REGISTRY' ENTERED AT 10:04:58 ON 05 MAY 2004

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STRUCTURE FILE UPDATES: 3 MAY 2004 HIGHEST RN 679390-57-9
DICTIONARY FILE UPDATES: 3 MAY 2004 HIGHEST RN 679390-57-9

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2004

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> search l15 sss full

FULL SEARCH INITIATED 10:05:17 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - >1,000,000 TO ITERATE

< 17.1% PROCESSED 400000 ITERATIONS

23 ANSWERS

INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)

SEARCH TIME: 00.00.06

FULL FILE PROJECTIONS: ONLINE **INCOMPLETE**
BATCH **INCOMPLETE**

PROJECTED ITERATIONS: EXCEEDS 1000000

PROJECTED ANSWERS: EXCEEDS 100

L19 23 SEA SSS FUL L15

=> d scan

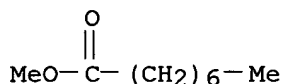
L19 23 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN

IN Octynoic acid, methyl ester (9CI)

MF C9 H14 O2

CI IDS

CM 1



HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):end

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	155.84	487.50

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-7.63

FILE 'CAPLUS' ENTERED AT 10:06:02 ON 05 MAY 2004

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FILE COVERS 1907 - 5 May 2004 VOL 140 ISS 19
FILE LAST UPDATED: 4 May 2004 (20040504/ED)

This file contains CAS Registry Numbers for easy and accurate
substance identification.

=> l19/rct

16 L19
2618877 RCT/RL
L20 2 L19/RCT
(L19 (L) RCT/RL)

=> l14 and l20

L21 0 L14 AND L20

=> l19

L22 16 L19

=> l14 and l21

L23 0 L14 AND L21

=> logoff hold

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	3.13	490.63
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	0.00	-7.63

SESSION WILL BE HELD FOR 60 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 10:07:36 ON 05 MAY 2004

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1623PAZ

PASSWORD:

* * * * * RECONNECTED TO STN INTERNATIONAL * * * * *
SESSION RESUMED IN FILE 'CAPLUS' AT 10:43:52 ON 05 MAY 2004
FILE 'CAPLUS' ENTERED AT 10:43:52 ON 05 MAY 2004
COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	3.13	490.63
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	0.00	-7.63

=> d his

(FILE 'HOME' ENTERED AT 08:53:10 ON 05 MAY 2004)

FILE 'REGISTRY' ENTERED AT 08:53:23 ON 05 MAY 2004

L1 STRUCTURE UPLOADED
 L2 3 SEARCH L1 EXACT FULL

 FILE 'CAPLUS' ENTERED AT 08:56:21 ON 05 MAY 2004
 L3 10 L2
 L4 5 L2/PREP

 FILE 'REGISTRY' ENTERED AT 09:16:04 ON 05 MAY 2004
 L5 STRUCTURE UPLOADED
 L6 2 SEARCH L5 EXACT FULL

 FILE 'CAPLUS' ENTERED AT 09:17:09 ON 05 MAY 2004
 L7 5 L6

 FILE 'REGISTRY' ENTERED AT 09:29:46 ON 05 MAY 2004
 L8 STRUCTURE UPLOADED
 L9 50 SEARCH L8 SSS SAM
 L10 STRUCTURE UPLOADED
 L11 STRUCTURE UPLOADED
 L12 0 SEARCH L11 SSS SAM
 L13 17 SEARCH L11 SSS FULL

 FILE 'CAPLUS' ENTERED AT 09:38:30 ON 05 MAY 2004
 L14 12 L13/PREP

 FILE 'REGISTRY' ENTERED AT 09:40:11 ON 05 MAY 2004
 L15 STRUCTURE UPLOADED

 FILE 'CAPLUS' ENTERED AT 09:40:36 ON 05 MAY 2004
 L16 0 METHYL ADJ ESTER
 L17 117383 METHYL ESTER
 L18 1 L14 AND L17

 FILE 'REGISTRY' ENTERED AT 10:04:58 ON 05 MAY 2004
 L19 23 SEARCH L15 SSS FULL

 FILE 'CAPLUS' ENTERED AT 10:06:02 ON 05 MAY 2004
 L20 2 L19/RCT
 L21 0 L14 AND L20
 L22 16 L19
 L23 0 L14 AND L21

=> logoff hold

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	3.57	491.07
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	0.00	-7.63

SESSION WILL BE HELD FOR 60 MINUTES
 STN INTERNATIONAL SESSION SUSPENDED AT 10:44:33 ON 05 MAY 2004